**BRUHAT BANGALORE MAHANAGARA PALIKE**

# MEASUREMENT SHEET

## RA 1ST AND FINAL BILL

Name of work: Improvements of Roads and Drains at Bhadrappa Layout at Kodigehalli in Ward No. 08.

Estimated Cost : Rs. 49.00 Lakhs

Head of Account : P-3333

Name of Agency: Sri L. Gangadhar

Work order No: BBMP/EE/BTP/225/2018-19 Dated: 06.02.2019

Measurements Recarded on :

| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. | | | | | | | | Cum | |
| | Bhadrappa Layout | | | | | | | | | |
| | | 2 | 30.00 | | | 1.10 | 1.10 | 72.60 | | |
| | Maruthinagara Main Road 10th Cross | 1 | 24.00 | | | 1.10 | 1.10 | 29.04 | | |
| | 1st Cross to 2nd Cross | 1 | 23.00 | | | 1.10 | 1.10 | 27.83 | | |
| | 2nd Cross to 3rd Cross | 1 | 20.00 | | | 1.10 | 1.10 | 24.20 | | |
| | 3rd Cross to 4rd Cross | 1 | 20.00 | | | 1.10 | 1.10 | 24.20 | | |
| | 4th Cross to 5th Cross | 1 | 20.00 | | | 1.10 | 1.10 | 24.20 | | |
| | 5th Cross to 6th Cross | 1 | 19.50 | | | 1.10 | 1.10 | 23.60 | | |
| | 6th Cross to 7th Cross | 1 | 22.50 | | | 1.10 | 1.00 | 24.75 | | |
| | 7th Cross to 8th Cross | 1 | 28.50 | | | 1.10 | 0.90 | 28.22 | | |
| | 8th Cross to 9th Cross | 1 | 28.50 | | | 1.10 | 0.80 | 25.08 | | |
| | Kodigehalli Govt School (R/S) | | | | | | | | | |
| | | 1 | 30.00 | | | 0.90 | 0.85 | 22.95 | | |
| | | 1 | 14.50 | | | 0.90 | 0.85 | 11.09 | | |
| | | 1 | 12.00 | | | 0.90 | 0.85 | 9.18 | | |
| | | 1 | 25.60 | | | 0.90 | 0.85 | 19.58 | | |
| | | 1 | 24.50 | | | 0.90 | 0.85 | 18.74 | | |
| | Hanuman Layout 5th Cross Road | | | | | | | | | |
| | | 1 | 30.00 | | | 0.90 | 0.80 | 21.60 | | |
| | | 1 | 16.50 | | | 0.90 | 0.80 | 11.88 | | |
| | | 1 | 30.00 | | | 0.90 | 0.80 | 21.60 | | |
| | | 1 | 8.00 | | | 0.90 | 0.85 | 6.12 | | |
| | R/S | 3 | 30.00 | | | 0.90 | 0.80 | 64.80 | | |
| | | 1 | 6.50 | | | 0.90 | 0.80 | 4.68 | | |
| | Culverts | | | | | | | | | |
| | Bhadrappa Layout | 1 | 6.50 | | | 1.80 | 0.80 | 9.36 | | |
| | 5th Cross | 1 | 6.50 | | | 1.80 | 0.80 | 9.36 | | |
| | 6th Cross | 1 | 5.00 | | | 1.80 | 0.80 | 7.20 | | |
| | 7th Cross | 1 | 5.00 | | | 1.80 | 0.80 | 7.20 | | |
| | 1st Cross | 1 | 30.00 | | | 1.10 | 1.10 | 36.30 | | |
| | 4th Cross | 1 | 10.00 | | | 1.10 | 1.10 | 12.10 | | |
| | | | | | | | Total Qty = | 597.46 | | |
| | | | | | | | Qty Limited to = | 597.14 | 160.00 | 95542.00 |
| 2 | Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | | | | | | | | Cum | |
| | Bhadrappa Layout | | | | | | | | | |
| | | 2 | 30.00 | | | 1.10 | 0.15 | 9.90 | | |
| | Maruthinagara Main Road 10th Cross | 1 | 24.00 | | | 1.10 | 0.15 | 3.96 | | |
| | 1st Cross to 2nd Cross | 1 | 23.00 | | | 1.10 | 0.15 | 3.80 | | |

Assistant Engineer

6.08 5/3/19

17-06

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Assistant Executive Engineer,
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2nd Cross to 3rd Cross | 1 | 20.00 | | | 1.10 | 0.15 | 3.30 | | |
| | 3rd Cross to 4rd Cross | 1 | 20.00 | | | 1.10 | 0.15 | 3.30 | | |
| | 4th Cross to 5th Cross | 1 | 20.00 | | | 1.10 | 0.15 | 3.30 | | |
| | 5th Cross to 6th Cross | 1 | 19.50 | | | 1.10 | 0.15 | 3.22 | | |
| | 6th Cross to 7th Cross | 1 | 22.50 | | | 1.10 | 0.15 | 3.71 | | |
| | 7th Cross to 8th Cross | 1 | 28.50 | | | 1.10 | 0.15 | 4.70 | | |
| | 8th Cross to 9th Cross | 1 | 28.50 | | | 1.10 | 0.15 | 4.70 | | |
| | Kodigehalli hanumanthappa Layout 5th Cross | | | | | | | | | |
| | L/S | 1 | 30.00 | | | 0.90 | 0.15 | 4.05 | | |
| | | 1 | 16.50 | | | 0.90 | 0.15 | 2.23 | | |
| | | 1 | 30.00 | | | 0.90 | 0.15 | 4.05 | | |
| | | 1 | 8.50 | | | 0.90 | 0.15 | 1.15 | | |
| | R/S | 3 | 30.00 | | | 0.90 | 0.15 | 12.15 | | |
| | | 1 | 6.50 | | | 0.90 | 0.15 | 0.88 | | |
| | R/S of Govt School L/S | | | | | | | | | |
| | | 1 | 30.00 | | | 0.90 | 0.15 | 4.05 | | |
| | | 1 | 14.50 | | | 0.90 | 0.15 | 1.96 | | |
| | R/S | 1 | 12.00 | | | 0.90 | 0.15 | 1.62 | | |
| | | 1 | 25.60 | | | 0.90 | 0.15 | 3.46 | | |
| | | 1 | 24.50 | | | 0.90 | 0.15 | 3.31 | | |
| | 4th Cross Road | 1 | 30.00 | | | 0.90 | 0.15 | 4.05 | | |
| | | 1 | 10.00 | | | 0.90 | 0.15 | 1.35 | | |
| | Culverts | | | | | | | | | |
| | 1st Cross | 1 | 5.00 | | | 1.80 | 0.15 | 1.35 | | |
| | 5th Cross | 1 | 7.00 | | | 1.80 | 0.15 | 1.89 | | |
| | 6th Cross | 1 | 6.50 | | | 1.80 | 0.15 | 1.76 | | |
| | 7th Cross | 1 | 5.00 | | | 1.80 | 0.15 | 1.35 | | |
| | | | | | | | Total Qty = | 94.53 | | |
| | | | | | | | Qty Limited to = | 93.70 | 4650.00 | 435705.00 |
| 3 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications | | | | | | | | Sqm | |
| | RCC Drain | | | | | | | | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 24.00 | | | | 0.15 | 7.20 | | |
| | | 2 | 23.00 | | | | 0.15 | 6.90 | | |
| | | 2x3 | 20.00 | | | | 0.15 | 18.00 | | |
| | | 2 | 19.50 | | | | 0.15 | 5.85 | | |
| | | 2 | 22.50 | | | | 0.15 | 6.75 | | |
| | | 2x2 | 28.50 | | | | 0.15 | 17.10 | | |
| | Culverts | 2x2 | 5.00 | | | | 0.23 | 4.60 | | |
| | | 2 | 7.00 | | | | 0.23 | 3.22 | | |
| | | 2 | 6.50 | | | | 0.23 | 2.99 | | |
| | RCC Drain | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 14.50 | | | | 0.15 | 4.35 | | |
| | | 2 | 12.00 | | | | 0.15 | 3.60 | | |
| | | 2 | 25.60 | | | | 0.15 | 7.68 | | |
| | | 2 | 24.50 | | | | 0.15 | 7.35 | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 16.50 | | | | 0.15 | 4.95 | | |
| | | 2 | 38.50 | | | | 0.15 | 11.55 | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 30.00 | | | | 0.15 | 9.00 | | |
| | | 2 | 6.50 | | | | 0.15 | 1.95 | | |
| | | | | | | | Total Qty = | 177.04 | | |
| | | | | | | | Qty Limited to = | 169.44 | 210.00 | 35582.00 |
| 4 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications | | | | | | | | Sqm | |
| | RCC Drain Side Wall | | | | | | | | | |

CC 17.66

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P,
Bangalore.

| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | nt |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 4 | 30.00 | | | | 0.80 | 96.00 | | |
| | | 4 | 30.00 | | | | 0.80 | 96.00 | | |
| | | 4 | 24.00 | | | | 0.80 | 76.80 | | |
| | | 4 | 23.00 | | | | 0.80 | 73.60 | | |
| | | 3x4 | 20.00 | | | | 0.80 | 192.00 | | |
| | | 4 | 19.50 | | | | 0.80 | 62.40 | | |
| | | 4 | 22.50 | | | | 0.75 | 67.50 | | |
| | | 2x4 | 28.50 | | | | 0.60 | 136.80 | | |
| | Culverts | 2x4 | 5.00 | | | | 0.60 | 24.00 | | |
| | | 4 | 6.50 | | | | 0.60 | 15.60 | | |
| | | 4 | 7.00 | | | | 0.60 | 16.80 | | |
| | RCC Drain | 4 | 30.00 | | | | 0.60 | 72.00 | | |
| | | 4 | 14.50 | | | | 0.60 | 34.80 | | |
| | | 4 | 12.00 | | | | 0.60 | 28.80 | | |
| | | 4 | 25.60 | | | | 0.60 | 61.44 | | |
| | | 4 | 24.50 | | | | 0.60 | 58.80 | | |
| | | 4 | 30.00 | | | | 0.60 | 72.00 | | |
| | | 4 | 16.50 | | | | 0.60 | 39.60 | | |
| | | 4 | 38.50 | | | | 0.60 | 92.40 | | |
| | | 4 | 30.00 | | | | 0.60 | 72.00 | | |
| | | 4 | 30.00 | | | | 0.60 | 72.00 | | |
| | | 4 | 30.00 | | | | 0.60 | 72.00 | | |
| | | 4 | 6.50 | | | | 0.60 | 15.60 | | |
| | | 4 | 40.00 | | | | 0.75 | 120.00 | | |
| | | | | | | | Total Qty = | 1668.94 | 265.00 | 442269.00 |
| 5 | Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) | | | | | | | | Cum | |
| | **Bottom Concrete** | | | | | | | | | |
| | Main Road 1st Cross | | | | | | | | | |
| | Bottom Concrete | 1x2 | 30.00 | | | 0.90 | 0.15 | 8.10 | | |
| | | 1 | 24.00 | | | 0.90 | 0.15 | 3.24 | | |
| | Side Wall | 2x2 | 30.00 | | | 0.15 | 0.80 | 14.40 | | |
| | | 2 | 24.00 | | | 0.15 | 0.80 | 5.76 | | |
| | 1st Cross to 2nd Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 23.00 | | | 0.90 | 0.15 | 3.11 | | |
| | Side Wall | 2 | 23.00 | | | 0.15 | 0.80 | 5.52 | | |
| | 2nd Cross to 3rd Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 20.00 | | | 0.90 | 0.15 | 2.70 | | |
| | Side Wall | 2 | 20.00 | | | 0.15 | 0.80 | 4.80 | | |
| | 3rd Cross to 5th Cross | | | | | | | | | |
| | Bottom Concrete | 2 | 20.00 | | | 0.90 | 0.15 | 5.40 | | |
| | Side Wall | 2x2 | 20.00 | | | 0.15 | 0.80 | 9.60 | | |
| | 5th Cross to 6th Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 19.50 | | | 0.90 | 0.15 | 2.63 | | |
| | Side Wall | 2 | 19.50 | | | 0.15 | 0.70 | 4.10 | | |
| | 6th Cross to 7th Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 22.50 | | | 0.90 | 0.15 | 3.04 | | |
| | Side Wall | 2 | 22.50 | | | 0.15 | 0.70 | 4.73 | | |
| | 7th Cross to 8th Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 28.50 | | | 0.90 | 0.15 | 3.85 | | |
| | Side Wall | 2 | 28.50 | | | 0.15 | 0.70 | 5.99 | | |
| | 8th Cross to 9th Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 28.50 | | | 0.90 | 0.15 | 3.85 | | |
| | Side Wall | 2 | 28.50 | | | 0.15 | 0.60 | 5.13 | | |
| | 4th Cross | | | | | | | | | |
| | Bottom Concrete | 1 | 30.00 | | | 0.90 | 0.15 | 4.05 | | |
| | | 1 | 10.00 | | | 0.90 | 0.15 | 1.35 | | |
| | Side Wall | 2 | 30.00 | | | 0.15 | 0.75 | 6.75 | | |
| | | 2 | 10.00 | | | 0.15 | 0.75 | 2.25 | | |
| | Culverts | | | | | | | | | |
| | 1st Cross Bottom Concrete | 1 | 5.00 | | | 1.50 | 0.23 | 1.73 | | |

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P. Bangalore.

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | Side Wall | 2 | 5.00 | | | 0.23 | 0.60 | 1.38 | | |
| | 5th Cross Bottom Concrete | 1 | 7.00 | | | 1.50 | 0.23 | 2.42 | | |
| | Side Wall | 2 | 7.00 | | | 0.23 | 0.60 | 1.93 | | |
| | 6th Cross Bottom Concrete | 1 | 6.50 | | | 1.50 | 0.23 | 2.24 | | |
| | Side Wall | 2 | 6.50 | | | 0.23 | 0.60 | 1.79 | | |
| | 7th Cross Bottom Concrete | 1 | 5.00 | | | 1.50 | 0.23 | 1.73 | | |
| | Side Wall | 2 | 5.00 | | | 0.23 | 0.60 | 1.38 | | |
| | Kodigehalli Govt School (RCC Drain L/S) | | | | | | | | | |
| | | 1 | 30.00 | | | 0.75 | 0.15 | 3.38 | | |
| | | 1 | 14.50 | | | 0.75 | 0.15 | 1.63 | | |
| | Side Wall | 2 | 30.00 | | | 0.15 | 0.60 | 5.40 | | |
| | | 2 | 14.50 | | | 0.15 | 0.60 | 2.61 | | |
| | R/S Drain Raft | 1 | 12.00 | | | 0.75 | 0.15 | 1.35 | | |
| | Side Wall | 2 | 12.00 | | | 0.15 | 0.60 | 2.16 | | |
| | R/S Drain Raft | 1 | 25.60 | | | 0.75 | 0.15 | 2.88 | | |
| | Side Wall | 2 | 25.60 | | | 0.15 | 0.60 | 4.61 | | |
| | R/S Drain Raft | 1 | 24.50 | | | 0.75 | 0.15 | 2.76 | | |
| | Side Wall | 2 | 24.50 | | | 0.15 | 0.60 | 4.41 | | |
| | Hanumaiah Layout 5th Cross L/S | 1 | 30.00 | | | 0.75 | 0.15 | 3.38 | | |
| | | 1 | 16.50 | | | 0.75 | 0.15 | 1.86 | | |
| | Side Wall | 2 | 30.00 | | | 0.15 | 0.60 | 5.40 | | |
| | | 2 | 16.50 | | | 0.15 | 0.60 | 2.97 | | |
| | R/S Drain Raft | 3 | 30.00 | | | 0.75 | 0.15 | 10.13 | | |
| | | 1 | 6.50 | | | 0.75 | 0.15 | 0.73 | | |
| | | 2x3 | 30.00 | | | 0.15 | 0.60 | 16.20 | | |
| | | 2 | 6.50 | | | 0.15 | 0.60 | 1.17 | | |
| | 1st Cross Culvert Slab | 1 | 5.00 | | | 1.50 | 0.23 | 1.73 | | |
| | | | | | | | Total Qty = | 199.65 | | |
| | | | | | | | Qty Limited to = | 199.54 | 5400.00 | 1077516.00 |
| 6 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 | | | | | | | | Tonne | |
| | 10mm 'U' Shape Rods | | | No of Rods | L of Bars | Mtrs | | | | |
| | Main Road to 1st Cross | | | 836 | 2.55 | 2131.80 | | | | |
| | 1st Cross to 2nd Cross | | | 228 | 2.55 | 581.40 | | | | |
| | 2nd Cross to 3rd Cross | | | 198 | 2.55 | 504.90 | | | | |
| | 3rd Cross to 4th Cross | | | 197 | 2.55 | 502.35 | | | | |
| | 4th Cross to 5th Cross | | | 197 | 2.55 | 502.35 | | | | |
| | 5th Cross to 6th Cross | | | 193 | 2.50 | 482.50 | | | | |
| | 6th Cross to 7th Cross | | | 214 | 2.45 | 524.30 | | | | |
| | 7th Cross to 8th Cross | | | 281 | 2.35 | 660.35 | | | | |
| | 8th Cross to 9th Cross | | | 280 | 2.25 | 630.00 | Kg/m | | | |
| | | | | | | **6519.95** | 0.62 | **4042.37** | | |
| | Distribution Roads 8mm | | | | | | | | | |
| | | | | 11 | 84.00 | 924.00 | | | | |
| | | | | 11 | 23.00 | 253.00 | | | | |
| | | | | 11 | 20.00 | 220.00 | | | | |
| | | | | 11 | 20.00 | 220.00 | | | | |
| | | | | 11 | 20.00 | 220.00 | | | | |
| | | | | 11 | 19.50 | 214.50 | | | | |
| | | | | 11 | 22.50 | 247.50 | | | | |
| | | | | 11 | 28.50 | 313.50 | | | | |
| | | | | 11 | 28.50 | 313.50 | Kg/m | | | |
| | | | | | | **2926.00** | 0.39 | **1141.14** | | |
| | For Cross Road 10 mm | | | 398 | 2.55 | 1014.90 | 0.62 | **629.24** | | |
| | | | | 11 | 40.00 | 440.00 | 0.39 | **171.60** | | |
| | For Culverts | | | | | | | | | |
| | 12mm 'U' Shape Rods | | | | | | | | | |
| | 1st Cross | | | 40 | 2.70 | 108.00 | | | | |

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5th Cross | | | 56 | 2.70 | 151.20 | | | | |
| | 6th Cross | | | 52 | 2.70 | 140.40 | | | | |
| | 7th Cross | | | 40 | 2.70 | 108.00 | Kg/M | | | |
| | | | | | | **507.60** | 0.89 | **451.76** | | |
| | 8mm Distribution | | | 2x13 | 5.00 | 130.00 | | | | |
| | | | | 2x13 | 6.50 | 169.00 | Kg/M | | | |
| | | | | | | **299.00** | 0.39 | **116.61** | | |
| | Kodigehalli Govt School | | | | | | | | | |
| | 10mm "u" Shape | | | 443 | 2.00 | 886.00 | | | | |
| | | | | 118 | 2.00 | 236.00 | | | | |
| | | | | 253 | 2.00 | 506.00 | | | | |
| | | | | 241 | 2.00 | 482.00 | | | | |
| | hanumayya Layout 5th Cross L/S | | | 463 | 2.00 | 926.00 | | | | |
| | | | | 383 | 2.00 | 766.00 | | | | |
| | R/S | | | 958 | 2.00 | 1916.00 | Kg/M | | | |
| | | | | | | **5718.00** | 0.62 | **3545.16** | | |
| | 8mm Distribution | | | 9 | 44.50 | 400.50 | | | | |
| | | | | 9 | 12.00 | 108.00 | | | | |
| | | | | 9 | 25.60 | 230.40 | | | | |
| | | | | 9 | 24.50 | 220.50 | | | | |
| | Hanumaiah Layout 5th Cross L/S | | | 9 | 46.50 | 418.50 | | | | |
| | | | | 9 | 38.50 | 346.50 | | | | |
| | Rs | | | 9 | 96.50 | 868.50 | Kg/M | | | |
| | | | | | | **2592.90** | 0.39 | **1011.23** | | |
| | Culvert Slab 16mm | | | 7x10 | 1.65 | **115.50** | 1.58 | **182.49** | | |
| | Rings 8mm | | | 7x8 | 1.45 | **81.20** | 0.39 | **31.67** | | |
| | | | | | | | | **11323.27** | | |
| | | | | | | | | **11.32** | 55500.00 | 628441.00 |
| 4 | Providing and fixing RCC precast covering slab of 100 mm for drain in cement concrete , M20 using graded granite jelly 20 mm and down size with steel reinforcement including form work lift charges, curing and concrete finishied surfaces of both side etc complete as per specifications. | | | | | | | | Sqm | |
| | Maruthinagra Bhadrappa Layout Road | 135 | 0.90 | | | 0.60 | | 72.90 | | |
| | | 37 | 0.90 | | | 0.60 | | 19.98 | | |
| | | 5x33 | 0.90 | | | 0.60 | | 89.10 | | |
| | | 2x43 | 0.90 | | | 0.60 | | 46.44 | | |
| | | 66 | 0.90 | | | 0.60 | | 35.64 | | |
| | Kodigehalli R/S Govt School ) 5th Cross | 104 | 0.75 | | | 0.60 | | 46.80 | | |
| | | 159 | 0.75 | | | 0.60 | | 71.55 | | |
| | | | | | | | **Total Qty =** | **382.41** | 1550.00 | **592736.00** |
| 5 | Providing and fixing RCC precast covering slab of 250 mm for drain in cement concrete , M20 using graded granite jelly 20 mm and down size with steel reinforcement including form work lift charges, curing and concrete finishied surfaces of both side etc complete as per specifications. | | | | | | | | Sqm | |
| | 5th Cross | 11 | 1.50 | | | 0.60 | | 9.90 | | |
| | | 10 | 1.50 | | | 0.60 | | 9.00 | | |
| | | 8 | 1.50 | | | 0.60 | | 7.20 | | |
| | | | | | | | **Total Qty =** | **26.10** | | |
| | | | | | | | **Qty Limited to =** | **20.16** | 4400.00 | **88704.00** |
| 7 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications | | | | | | | | Cum | |
| | Bhadrappa layout | 0.5 | 84.00 | | | 0.30 | 0.10 | 1.26 | | |
| | | 0.5 | 23.00 | | | 0.30 | 0.10 | 0.35 | | |
| | | 0.5x3 | 20.00 | | | 0.30 | 0.10 | 0.90 | | |
| | | 0.5 | 19.50 | | | 0.30 | 0.10 | 0.29 | | |
| | | 0.5 | 22.50 | | | 0.30 | 0.10 | 0.34 | | |
| | Kodigehalli | 0.5x2 | 28.50 | | | 0.30 | 0.10 | 0.86 | | |
| | | 0.5 | 44.50 | | | 0.30 | 0.10 | 0.67 | | |
| | | 0.5 | 12.00 | | | 0.30 | 0.10 | 0.18 | | |

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

CF 4.84



| Sl No. | Description | No. | L | B1 | B2 | AV. B | D | Qty | Rate / Unit | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.5 | 25.60 | | | 0.30 | 0.10 | 0.38 | | |
| | | 0.5 | 24.60 | | | 0.30 | 0.10 | 0.37 | | |
| | | 0.5 | 46.50 | | | 0.30 | 0.10 | 0.70 | | |
| | | 0.5 | 38.50 | | | 0.30 | 0.10 | 0.58 | | |
| | | 0.5x3 | 30.00 | | | 0.30 | 0.10 | 1.35 | | |
| | | 0.5 | 6.50 | | | 0.30 | 0.10 | 0.10 | | |
| | Culvert | 2x2 | 5.00 | | | 0.60 | 0.10 | 1.20 | | |
| | | | | | | | Total Qty = | 9.51 | | |
| | | | | | | | Qty Limited to = | 8.84 | 5000.00 | 44200.00 |
| | | | | | | | | | Total | 3440695.00 |

**Rupees Thirty Four Lakh(s) Forty Thousand Six Hundred Ninety Five Only**

Assistant Engineer
Ward No. ~~07~~ 08
8/3/19

Assistant Executive Engineer
Kodigehalli Sub Division